

ALEX CUI

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EXPERIENCE

- **SmartBot360**, *Undergraduate Researcher* Mar. 2019 - Current
 - Worked as a full stack web developer, while practicing Agile and Kanban in our workflow.
 - Used Angular to design pages in the front end for a better UI/UX, and also added new features.
 - Wrote numerous queries in the back end using Java and JDBC to present or store user data.
 - Created and modified tables in the database whenever tasks required to do so.
 - Decreased the time to display core analytical data by more than 50%.
 - Occasionally communicated with a company client for troubleshooting.

PROJECTS

- **YouTube Analyzer** Oct. 2020 - Dec. 2020
 - Developed a web app that displays and analyzes YouTube videos given a dataset.
 - Can edit the data, backup/load data into a new file, or display analytics as line graphs and pie charts.
 - Worked in a team and regularly ensured everyone was on track and doing their work.
- **Depush** Mar. 2020
 - Created a Google Chrome extension that notifies when new items are uploaded onto Depop.com.
 - Refreshes itself in the background periodically and uses the Chrome API to store search terms.
 - Inspired by the same feature in the Depop app and the desire for an improved version on the web.
- **Reddit Bot** Nov. 2018
 - Built a simple web bot that uses the Reddit API to send responses to users based on their comment.
 - Worked in a team and ensured the project's completion.

SKILLS

- **Languages:** C++, HTML, CSS, JavaScript, Angular, Java, SQL, Python
- **Tools:** Git, MySQL, Trello

ACTIVITIES

- **Organization**, *Association for Computing Machinery* Apr. 2018 - June 2020
 - Former member and previously received guidance in the mentorship program.
- **Hackathon**, *Cutie Hack* Nov. 2018
 - Worked with a team and presented Reddit Bot to a panel of judges.

EDUCATION

University of California Riverside
B.S. Computer Science 2021